Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 28 hours

COURSE TITLE
Facies analysis

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Sedimentary geology

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
This course aims at providing the theoretical and practical principles of facies analysis and shows an overview of the main clastic and carbonate depositional systems.

LEARNING OBJECTIVES
The objective of the Invited professor is to show the contribution that chemostratigraphic tools and inorganic geochemical palaeoenvironmental proxies can give to stratigraphy and facies analysis.

TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
Practical works in the field.

OTHER ACTIVITIES BESIDES THE COURSE
Seminars and conferences addressed to PhD students and research fellows
ADDITIONAL COURSE

COURSE TITLE
Applied stratigraphic geology

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Sedimentary geology

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
This course aims at providing the tools to study the sedimentary basins through methods of integrated stratigraphy in order to reconstruct the physical and genetic relationships between sedimentary bodies.

LEARNING OBJECTIVES
The objective of the Visiting Professor is to provide the basic information about formation of methane-derived carbonates and their significance in basin analysis.

TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
Practical works in the field

OTHER ACTIVITIES BESIDES THE COURSE
Seminars and conferences addressed to PhD students and research fellows

VISITING PROFESSOR PROFILE
The visiting professor should possess a solid experience in the field of laboratory techniques, mainly inorganic and isotopic geochemistry, applied at solving problems of paleoenvironmental interpretation of classic sedimentary contexts as well as some examples of extreme environments (e.g. cold seeps, hypersaline basins).

CONTACT PERSON AT THE DEPARTMENT
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